

ABSTRACT

A liquid-cooled vehicle generator-motor includes a frame having a liquid passage, a stator core fixedly fitted to the inner periphery of the frame, a multi-phase stator winding accommodated in the plurality of slots of the stator core, and a rotor disposed inside the stator core. The stator winding includes a plurality of insulated U-shaped conductor segments each of which has a pair of legs. Each leg is inserted in a slot from one end of the stator core and paired to another at a portion extending from the other end of the stator.